



TECHNICAL SERVICES DEPARTMENT

BULLETIN

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FLEXIBLE METAL CONDUIT (FMC) AND LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC) NATIONALLY RECOGNIZED TESTING LABORATORIES

The National Electrical Code (NEC) requires FMC and associated fittings to be listed per 348.6, and LFMC and associated fittings to be listed per 350.6. Annex A of the NEC in turn lists UL 1 as the Safety Standard for Flexible Metal Conduit and UL 360 as the Safety Standard for Liquidtight Flexible Metal Conduit. The purpose of this Bulletin is to identify those Nationally Recognized Testing Laboratories that provide listings for FMC and LFMC products.

OSHA recognizes third party organizations that provide testing for safety and certification that are acknowledged throughout the United States. These third party organizations are referred to as Nationally Recognized Testing Laboratories (NRTLs). As a part of the NRTLs listings, users of FMC and LFMC and their associated fittings know whether the product meets specified safety standards by placing the NRTL's certification mark on the manufactured product.

The list of all NRTL organizations currently recognized by OSHA for listing FMC and LFMC can be found at <https://www.osha.gov/dts/otpc/nrtl/nrtllist.html>

In the case of FMC, certification is based on ANSI/UL 1, *Flexible Metal Conduit*. In the case of LFMC, certification is based on ANSI/UL 360, *Liquidtight Flexible Metal Conduit*.

All Nationally Recognized Testing Laboratories must be able to test and verify that a product meets the requirements stated in the product safety standards. Furthermore, after certification the NRTL monitors the manufacturer, the product, the marketplace, and the use of the NRTL's certification mark. Thus, it is appropriate for FMC and LFMC having the certification marks of any of the particular NRTL's recognized for listing FMC and LFMC to be accepted wherever FMC or LFMC is sold.

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